PERFORMAN	ICE CERTIFICAT	E OF COMPLIA	NCE	(Part 1 of 3)	PERF-1
Project Name					Date
BCSD School Bld	F Classrooms				1/5/201
Project Address		Climate Zo		Total Cond Floor Area	Addition Floor Ar
Bakersfield		CA CIII	nate Zone 13	8,360	n/a
GENERAL INFORM		. ) vm (15_L )	Dian Chaudantial	T Lintal/Adots	Guest Room
Building Type:	☑ Nonresidentia ☐ Relocatable		Rise Residential ic climate zone	☐ Hotel/Motel ☐ all climates	
Phase of Construct	VALUE			☐ Alteration	
STATEMENT OF C			······································		
This certificate of comply with Title 24	ompliance lists the building. I, Parts 1 and 6 of the Ca only to a Building using th	alifornia Code of Regula	itions, This	)	
The documentation	author hereby certifies t	hat the documentation i	s accurate and c	omplete.	
Documentation a	Author		1	7)	
Name	Mark Bas	ik. N	Signature	and the same of th	
Company Mechan	ical Design Concepts, Inc			Date 1/5/2012	
Address	TT-G. TT-Gabial MT			Phone	
City/State/Zip	,		·····		
ENV. LTG. MEC	I hereby affirm that I at sign this document as California as a civil en I affirm that I am eligib 5537.2 or 6737.3 to sig contractor performing	m eligible under the provis the person responsible fo gineer, mechanical engine le under the provisions of gn this document as the p this work.	r its preparation, a er, electrical engir Division 3 of the B erson responsible	nd that I am licensed in neer, or I am a licensed lusiness and Profession for its preparation; and	n the State of farchitect. ns Code by section I that I am a licen
□ □ □	because it pertains to Code Sections 5537, 5	le under Division 3 of the a structure or type of work 5538 and 6737.1	Business and Prof described as exe	essions Code to sign the mpt pursuant to Busine	his document ess and Professio
Name Danny C			Signature (	Some the	<del>11.</del>
Commons	elby Architects	,		Date	12
A -1-1	ng Avenue, Suite 280			License #	14728
04.404	eld, CA 93309			Phone (661) 832-5	3 Her. W
Principal Mechai					
N(+-+	•		Signature	()	
O	skın, P.E., LEED AP cal Design Concepts, Inc.			Date 1	0-12
0.11					6978
AND 1000 11	Sierra, Sulle 101			Phone (559) 437-0	
Principal Lighting	California 93711		<b>I</b>	(000) 407-0	eres with a
Principai Lighung Name	peagner		Signature		
Company				Date	
Address				License #	
	· · · · · · · · · · · · · · · · · · ·			Phone	
City/State/Zip		e a see made to			
ENV-1C Certi ED LTG-1C Certi LTG-2C Light	APPLICANT COMPLIANCE licate of Compliance Required ficate of Compliance Required ing Controls Credit Worksheet.	on plans 🖸 MECH- lon plans 🖸 MECH- 🖸 MECH-	1C Certificate of 2C Air/Water Si 3C Mechanical	f Compliance Required or de/Service Hot Water & P Ventilation and Reheat	
LTG 3C Index EnergyPro 5 1 by Energy	or Lighting Power Allowance vSoft User Number: 523			Equipment Details.  ID: 09091	Page 2 d

PERFORMANCE Project Name	LUEHI	IFICA	IEUI	- 0014	IFLIA	INCE		(Part 2	01 3)	P
BCSD School Bld F C			,					<del></del>		
ANNUAL TOV ENERG						*****				
Energy Component		idard sign	Prop	osed ign	Comp Mar			6	,	
Space Heating		5 63		1 52		4 11		Heating	} .	
Space Cooling		133 40		76 15		57 25		Cooling		
Indoor Fans		45.38		9 54		35 83		Fans	Bernania .	
Heat Rejection		0 00		0 00		0 00	ł	teat Rej þ		7
Pumps & Misc.		0 32		0.00		0.32		Pumps	25.5	
Domestic Hot Water		40 36		40 36		0.00		WHO		•
Lighting		73 48	•	29.03	,	44 44		Lighting		
Receptacle		55 53		55.53		0.00	Re	ceptacle		
Process		0.00		0 00		0.00		Process	, ,	* ***
Process Lighting		0 00		0.00	• • • • • • • • • • • • • • • • • • • •	0 00	Pro	cess Ltg	,	
TOTALS		354.09		212 13		141.96				
Percent better than Star	ndard			40.1%	( 40 1	% exclu	ding pro	ocess)		
			P1111	DINC		MPLI				
GENERAL INFORMAT	ION									
				- · · ·		4	Γ		8,3	960
Building Orientation		V) 0 deg		Condition		or Area Ioor Area	. F		0,0	
Number of Stories		1					i i		R 7	
Number of Systems		11				tprint Are ilable On				60 sqft.
Number of Zones	[	11		Natural C	aas Ava	natic Ci	t Otto [			
		Orientatio	on	Gross	Area		Glaz	ing Area	-	Glazir
Front Elevation		(N)			1,888	sqft		225		
Left Elevation		(E)			840	sqft			- '	
Rear Elevation		(S)			2,008	sqft		225	4 ′	
Right Elevation		(W)			720	sqft			-{ `	
	Total				5,456	sqft.		450	- '	
Roof					8,360	sqft.		96	sqft.	
Prescriptive Lighting Po Prescriptive Envelope T		у	Standa 2		V/sqft.	Prop	posed 0 47 164,50		Com	criptive V parison o
Remarks:										
Prescriptive Envelope T			2		773GIL				LTG-	1C fo

PERFORMAN Project Name	ICE CERTIFICA	TE OF COMPLIAN	CE	<u>(f</u>	Part 3 (	of 3)	PER Date	r-1C
BCSD School Bld	F Classrooms		,				1/5	/2012
ZONE INFORMATI	ON					<del>,</del>	11.65	
			Floor Area	Inst. LPD	Ctrl Credits		ed LPD Tailored	Proc Loads
System Name	Zone Name	Оссиралсу Туре	(sqft)	(W/sf) <sup>1</sup>	(W/st) <sup>2</sup>	Area (W/sf) <sup>3</sup>	(W/sf) <sup>1</sup>	(W/sf
IP F-1	Classroom 100	Classroom, Lecture, Training	963	*0 470				
	Classroom 101	Classroom, Lecture, Training	963	*0 470				
	Classroom 102	Classroom, Lecture, Training	963	^0 470				
	Classroom 103	Classroom, Lecture, Training	963	*0 470				
	Work Room 108	Classroom, Lecture, Training	240	*0.470				
IP F-2	Classroom 104	Classroom, Lecture, Training	963	*0 470				
	Classroom 105	Classroom, Lecture, Training	963	*0.470				
	Classroom 106	Classroom, Lecture, Fraining	963	10 470				
	Classroom 107	Classroom, Lecture, Training	963	*0 470				
	Work Room 109	Classroom, Lecture, Training	240	*0,470				
CU/FC F-1, 2	Electrical Rooms	Electrical, Machanical Room	176	*0 470				
THE TOTAL THE TOTAL TOTA								
Notes: 1 See LTG-1C	sterisk, see LTG 1-C by others)	2. See LTG-2C 3 See LTG-3C (by others)	4 Se	e LTG-4C	ltems at	ove require s	pecial docume	ntation
The local enforcement ustification and docum letermines the adequa special justification and	nentation, and special verif cy of the justifications, and id documentation submitted	attention to the Items specified ication to be used with the performance in I may reject a building or design	ormance and that other	approach. '	l'he local e	nforcemen	l agency	
		Ventilation per Standards Section						
		ft Pump includes a Variable Spoed	******	the Fan				
he Roof R-0 Roof Cathe	dral w/R-30 Sama Therm R	effectance = 0 72. Emittance = 0.9	90 shall be	raled and i	labelad by t	he Coal Ro	of Reling Cou	uncil ın a
						***		
					······			
The exceptional feature locumentation for their	use have been provided b	e approach application have sp y ine applicant.	ecifically	been revie	wed, Adeg	uate writter	i justificatio	n and
locumentation for their	r use have been provided to	y the applicant.				uate writter		n and

Project N			*********					********				Dal		~ ~ ~
	School Bld F Classro	oms			,				T				/5/20	
Project A	Address ersfield					Climate Zo	one 13		Total Co	ona F 8,36		Area Addino	n ⊬looi <i>⊓/a</i>	r Ar
	AL INFORMATION							1		0,00	<del></del>		,,,,,,	
		Nonres	udent	ial		□ Hía	h-Rise Re	sidential		Hote	el/Mc	tel Guest Ro	on	
Building	туро	Poloos			School		onditione	····		<u>ســــــــــــــــــــــــــــــــــــ</u>	11	nconditioned	I Spac	
	nools (Public School) D	Bigg.						·	·····				Opac	
	light Area for Large Ericlo				f check			-4C with s						
Phase o	of Construction.	New C	onstru	action			lition			Alte				
Approac	ch of Compliance: E	1 Compo	ment			121 Ove	erall Envel	ope		Unc	ouqi	tioned (file at	fidavi	t)
Front O	nentation: N, E, S, W or in	Degrees:		0 deg										
		FIEL	D IN	SPEC	CTIO	N ENEF	GY CH	ECKL	ST					
OPAQU	E SURFACE DETAILS					LATION								
			e			T .					4		Ī	Ī
Tag/ID	Account to Toma	Area (If²)	Orientation N, E, S, W	U-Factor	Cavity R-Value	Exterior R- Value	Exterior Furring <sup>3</sup>	Interior R. Value	Interior Furring <sup>3</sup>	Joint	Appendix	Condition Status	Pass	
1 ag/IU	Assembly Type Roof	951	(N)	0 028	Noi		5 None			4.2 <b>2-</b> /	11	New		T
2	Wall	334	(N)	0 069	R-2	21			4	4.3 1-/	16	New		T
3	Door	42	(N)	0 500	Ins	ul				451-4	1.3	New		Г
4	Wall	360	(W)	0 069	<del>}</del>	21				4.3 1-4	16	New	П	T
5	Slab	963	(N)	0.730		ne	†······			4.4.7-	11	New		T
6	Roof	951	(N)	0 029	+		5 None			4.2.2-		New		T
7	Wall	334	(N)	0 069	+					1.3 1-4		New		T
8	Dogr	42	(N)	0 500	<del></del>					4.5 1-4	13	New		T
<u>-</u>	Slab	963	(N)	0 730	<del> </del>					4.4 7-1	17	New		T
10	Roof	951	(N)	0.029	<del></del>	ne 30 (	5 None			4.2 2-7	1	New		T
1 See lo	structions in the Nonresidenti	al Compliar	nce Ma	nual, pa	ne 3-96	<del></del>								,,,,,
2 If Fail,	then describe on Page 2 of the	ne inspectio	n Che	cklist Fo	m and	take appro	priate actio	n to correct	A fail c	ioes n	ot m	eet compliance	3	
FENES	TRATION SURFACE I	ETAILS							·				·	,
Tag/iI	Fenestration Type	3		Area (It²)	Orientation N, E, S, W	Max U∗Factor	U-Factor Source	Max (R)SHGC	SHGC		Overhang	Conditions Status	Pass	,
1	Skylight			12	(N)	0 550	NFRC	0 200	NF			New		
2	Window			225	(N)	0.290	cog	0 270	C	OG	<b>Z</b> )	New		L
3	Skylight			12	(N)	0 550	NFR¢	0.200	NF			New		ļ.
4	Skylight		L	12	(N)	0 550	NFRC	0.200	NF.			New		_
5	Skylight			12	(N)	<b>0</b> 550	NFRC	0 200	NF.	RC		New		L
6	Skylight			12	(N)	0.550	NFRC	0.200	NF	RC		New		
7	Window			225	(S)	0.290	COG	0 270	C	OG	Ø	New		
8	Skylight			12	(N)	0.550	NFRC	0.200	NF	RC		New		
	Skylight			12	(N)	0 550	NFRC	0.200	NF	RC		New		
9	Skylight		1	12	(N)	0 550	NFRC	0 200	NF	RC		New		
9 10	I ON YINGIN												************	*****
10	structions in the Nonresidenti then describe on Page 2 of th	al Compliar	се Ма	nual, pa	ge 3-96	),						L.		

Project N	FIELD INSPECT lame School Bld F Classed				***************************************						
Project A	ddress	OITIS			70	Climate Zo	ne 13		Total	Cond Floor / 8,360	Area Add
	ersfield AL INFORMATION		***********				13		<u> </u>	0,300	<u></u>
Building		Nonre:	sident	ial		☐ High	n-Rise Re	sidential		Hotel/Mc	itel Gues
		n Reloca Bldg.	table	Public 8	School	Ø C	onditioned	l Spaces	<del></del>	ii U	nconditio
☐ Sky	light Area for Large Enclo		9 ≥ 80	00 ft <sup>2</sup> (I	checke	d include	the ENV	-4C with	submit	tał)	
		New C					lition			,	n
Approac	ch of Compliance: [	1 Compo	nent			☑ Ove	rall Envel	ope		Uncondit	tioned (fi
Front O	rientation N E, S, W or in	Degrees		0 deg							****
		FIEL	או ם	SPEC	HOIT	ENER	GY CH	ECKL	IST		
OPAQU	E SURFACE DETAILS			r	INSUL	ATION	1		1		·
Tag/ID	Assembly Type	Area (ft²)	Orientation N, E, S, W	U-Factor	Cavity R-Value	Exterior R- Value	Exterior Furring <sup>3</sup>	Interior R- Value	Interior Furring <sup>3</sup>	Joint Appendix 4	Condition
11	Wall	334	(N)	0 069	R-21					4 3 1-A6	New
12	Door	42	(N)	0.500	เกรบ				Ĺ	4 5 1-A3	New
13	Slab	963	(N)	0.730	None					44.7-A1	New
14	Roof	951	(N)	0.029		30 6	None	·		4 2 2-A1	New
15	Wall	334	(N)	0.069	····-	ļ	-			4 3 1-A6	New
16 17	Door Wall	360	(×) (E)	0 500	Insul R-21		ļ			4 5.1-A3 4 3 1-A6	New
18	Slab	963	(N)	0.730						4 4 7-A1	New
19	Roof	240	(N)	0.029	None	30 6	None			4 2 2-A1	New
20	Slab	240	(N)	0 730	None					4 4 7-A1	New
2 If Fail	structions in the Norresident then describe on Page 2 of ti TRATION SURFACE I	ne Inspectio	n Che	inual, pa cklist Foi	ge 3-96, m and ta	іке арргор	oriale action	to correc	at. A fau	l does not me	et compl
Tag/ID	Fenestratio Typa	1		Area (ft²)	Onentation N, E, S, W	Max U-Factor	U-Factor Source	Max (R)SHGC	SHGC	Source Overhang	Conditions
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			+	+					-		
			+						+		
			1						<del>                                     </del>		
	structions in the Nonresident hen describe on Page 2 of th	al Compliar	Chec	nual, pa	ge 3-96 n and tal	(e annton	nate action	to correc	Vent	building plar	ns il nece
1. See Ins	HOLLD OF CHARLE OF CARRESTS IN	~(aherin)(				· bi					
2 If Fail t		er Number:	5232		RunCod	e: 2012-01	1-05T13:26	·36	ID 090	191	

(Part 1 of 3) ENV-1C

<b>AND</b>	TIFICATE OF CO FIELD INSPECT				CHE	CKLI	ST	,	Part		٠,	•	INV-	, ,
Project N					***************************************							De		
Project A	School Bld F Classro	oms				Olmate Zo	ne .		Total	Cond F	loor /	Area Additu	1/5/20	JIZ
,	ersfield				(	31111010 210	13		1	8,36		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	n/a	
	AL INFORMATION	,	+++++++++++++++++++++++++++++++++++++++	*****								·	····	
Building	Type.	) Nonre	sident	al		☐ High	ı-Rise Re	sidential		Hote	el/Mc	tel Guest R	moo	
	nools (Public School)		table	Public	School	Ø C	onditioned	d Spaces			U	nconditione	d Spac	ces
	/light Area for Large Enclo	Biqg.	a > 80	nn fr² (I	lf checks								·	
	of Construction				ii Ondone	☐ Add					ratio			
	ch of Compliance						rall Envel	one				ioned (file a	ffidavi	t)
	rientation: N, E, S, W or in			0 deg	1		(di) Li (voi	·····						<del>'</del>
TIDIR O	nemation. N, E, G, W of hi				TION	ENER	GV CH	ECKL	er.	ו•			<del></del>	
OPAGE	IE SURFACE DETAILS	FIEL	אווע	SFEC		ATION	<u> </u>	CONL	101	T				
OI Mad	COMPAGE DETAILS	1	Τ		111001	1			T	<b></b>				T
		Area (ft²)	Orientation N, E, S, W	U-Factor	Cavity R-Value	Exterior R- Value	Exterior Furring <sup>3</sup>	interior R- Value	Interior Furring <sup>3</sup>	Joint	Appendix 4	Condition	Pass	211.2
Tag/ID	Assembly Type	<del> </del>		<del></del>	· <del>{</del>	<u> </u>			· ·		-	··	+=	+
21	Roof	951	(N)	0 029	+	30 6	None			4,2,2-		New	1 11	
22	Wall	334	(5)	0.069	<del> </del>					4 3.1-4		New	+=	
23 24	Door Wall	360		0 500	+	***************************************				451-4		New	吉	
	Slab	<del> </del>	<del>  ` ` </del>	0 730	<del></del>					447-		New	肯	
25 26	Roof	963 951	(N) (N)	0 029			None	-		4 2 2-		New	+=	† <del>'</del>
<del>20</del> 27	Wall	334	(S)	0 069		<del> </del>	ivone.			4.3.1-		New	+=	
28	Door	42	(S)	0.500	·}	<del> </del> -				451-4		Now		1
29	Slab	963		0.300						4.4 7-6		New	+5	+-
30	Roof	951	(N)	0 029	<del> </del> -	i	None			422-		New		1
	structions in the Nonresidenti		<u> </u>	L			7.4		L		<u>-</u> -	. I	.]	1
	then describe on Page 2 of the					ake approp	riate action	n to correc	t Afau	daes n	ot me	et complianc	e	
FENES	TRATION SURFACE D	PETAILS							,				.,	
Tag/II	Fenestration	1		Area (ff')	Orientation N, E. S, W	Max U-Factor	U-Factor Source	Max (R)SHGC	SHGC	Source	Overhang	Conditions	Pass	517
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			1				- 1		1					<b></b>
									T					
See Int	structions in the Norresidents	al Compliar	nce Ma	nual, pa	ge 3-96. m and tak	ke appropri	iate action	to correct	Verily			ns it necessar	<u></u>	

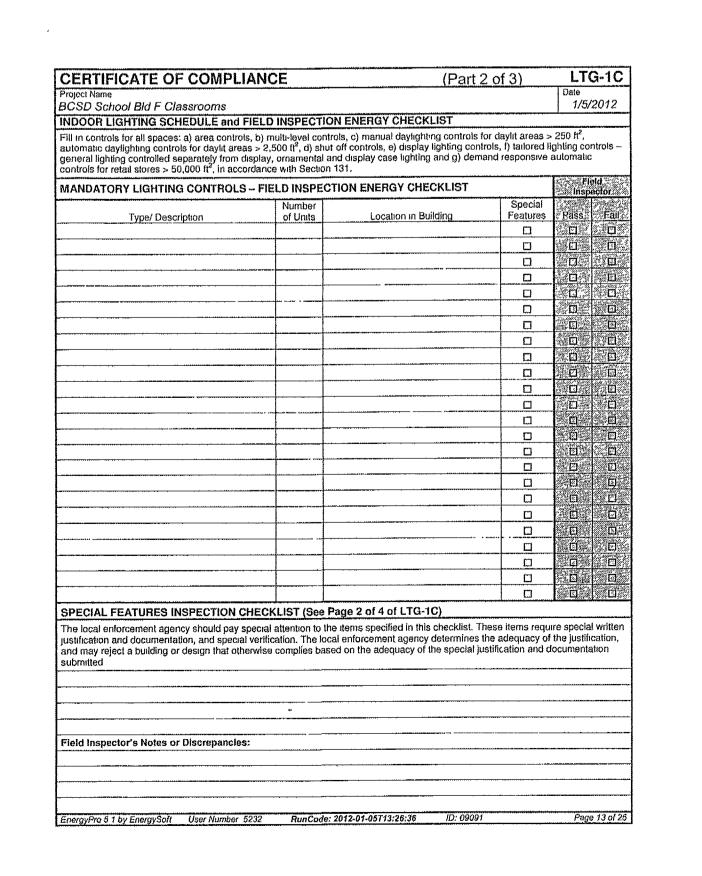
Project N			-1 4 L		~/ 1 I					·····		Da		
	School Bld F Classro	oms											/5/20	
Project A Bake	ddress rsfjeld					Climate Zo	ne 13		lotal	8,36		rea Additio	n F1001 n/a	: A
GENER	AL INFORMATION											, <del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>		Name of Street
Building	Type: 🔯					☐ High	n-Rise Re	sidential		Hot€	I/Mo	tel Guest R	20m	
🖾 Sch	ools (Public School) 🗀	Reloca Bldg.	table	Public (	School	⊠ C	onditioned	i Spaces			Ur	conditioned	l Spac	;es
☐ Sky	light Area for Large Enclos	sed Space	≥ 80	00 ft <sup>2</sup> (1	f check	ed include	the ENV-	4C with	submit	tal)				
•••	f Construction:			<del></del>		☐ Add					atlor	)		
Approac	h of Compliance:	Compo	nent			☑ Ove	rali Envel	ope		Unc	ondit	oned (file a	ffidavi	t)
Front O	rientation N, E, S, W or in	Degrees:		0 deg										
	K	FIEL	D IN	SPEC	OIT	LENER	GY CH	ECKL	ST					
OPAQU	E SURFACE DETAILS				INSU	LATION							,	-
Tag/ID	Assembly Type	Area (ft²)	Orientation N, E, S, W	U-Factor	Cavity R-Value	Exterior R- Value	Exterior Furring <sup>3</sup>	interior R- Value	Interior Furring <sup>3</sup>	Joint	Appendix 4	Condition	Pass	
31	Wall	334	(S)	0 069	R-2	1		A		4 3.1-4	16	New		Ī
32	Door	42	<b>(S)</b>	0.500	Insi	ıt				451-4	13	New		Ĺ
33	Sfab	963	(N)	0.730	Non	e				447-	11	New	D	
34	Roof	951	(N)	0 029	Non	9 30 6	None			422-4	1	New		L
35	Wall	334	(S)	0 069	R-2	1				4 3.1-4	16	New		L
36	Door	42	<b>(S)</b>	0 500	Inse	d				4.5.1-4	13	New		<u> </u>
37	Wall	360	(E)	0 069	R-2	1				4.3,1-	16	New		L
38	Slab	963	(N)	0 730	Non	6				447-4	11	New		L
39	Roof	240	(N)	0 029	Non	e 30 6	None			422-/	1	New	a	L
40	Slab	240	(N)	0.730	Non	e	<u> </u>		Ļ	4.4.7-	11	New		L
2. II Fail,	structions in the Nonresidentia then describe on Page 2 of th	e Inspectio	nce Ma in Che	enual pa cklist Fo	ge 3-96 rm and	take approp	riate action	to correc	t. A fai	does n	ot me	et complianc	e 	
FENES	TRATION SURFACE D	ETAILS	· · · · · · · · · · · · · · · · · · ·		<del></del>		y		<del></del>				γ	Ţ-
Tag/ID	Fenestration Type			Area (It²)	Orientation N, E, S, W	Max U-Factor	U-Factor Source	Max (R)SHGC	SHGC	Source	Overhang	Conditions Status	Pass	
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Project N	School Bld F Classro	**********				Climate Zo			Total	Cond Floor		ate 1/5/2 on Floo	
	rsfield				`	Jamaie Zu	13		I DIGI	8,360	Area Additi	n/a	,,,,
GENER	AL INFORMATION								-	- Indonesia	*****		
Building	Type 🖫	1 Nonre				☐ High	-Rise Re	sidential		Hotel/M	otel Guest F	loom	
□ Sch	aols (Public School) - E	ı Reloca Bida	itable	Public 8	School	121 C	onditioned	i Spaces			Inconditione	d Spa	CE
☐ Sky	light Area for Large Enclo		98 ≲ e	00 lts (II	checke	d include	the ENV	4C with	submit	tal)			
Phase o	f Construction:	New C	onstri	iction		□ Addi	ition			Alteration	วก		_
Approac	h of Compliance	Compo	onent			☑ Ove	rall Envel	оре		Uncond	itioned (file a	iffidav	it)
Front Or	ientation N, E, S, W or in			0 deg									
		FIEL	D IN	SPEC	TION	ENER	GY CH	ECKL	ST				_
OPAQU	E SURFACE DETAILS		,		INSUL	ATION	,						7
Tag/iD	Assembly Type	Area (ft²)	Orientation N, E, S, W	U-Factor	Cavity R-Value	Exterior R- Value	Exterior Furring <sup>3</sup>	Interior R- Value	Interior Furring <sup>3</sup>	Joint Appendix 4	Condition	Pass	
41	Roof	176	(N)	0 029	None	30.6	None			4 2 2-A1	New		1
42	Wall	160	(N)	0.069	R-21					4 3.1-A6	New		
43	Wall	118	(S)	0 069	R-21				,	431-A6	New		I
44	Door	21	(S)	0 500	Insul					4.5 1-A3	New		
45	Door	21	(S)	0.500	Insul					4 5 1-A3	New		_
46	Wall	120	(E)	0 069	R-21					4 3.1-A6	New		1
47	Wall	120	(S)	0 069	R-21					4 3.1-A6	New		1
48	Slab	176	(N)	0.730	None					4 4 7-A1	New		4
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2 If Fail,	structions in the Nonresidenti then describe on Page 2 of th TRATION SURFACE I	e Inspection	n Che	cklist For	m and ta	ike approp	riate action	ta correc	t Afai	does not n	ieet compliand	c	
Tag/ID	Fenestration	1		Area (ff')	Orientation N, E, S, W	Max U-Factor	U-Factor Source	Max (R)SHGC	SHGC	Source Overhang	Conditions	Pass	
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ATION						13			8,360		n/a	·	(Note if the roofi			is not	CR	RC c	ertifie	d, this	s compliai	nce approa	ach can	not b	e used).	Go to Overa
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School) E	Bldg					onditiona				nconditione	o Spac	es	☐ Roofing comp	liance n	tot re	auirec	d in C	Umat	te Zon	e 1 witi	th a Steep-	Sloped with	less tha	ın 5 lb	/ft <sup>2</sup> Great	er than 2.12 pit
r Large Enclo	sed Space	≥ 80	000 Us (1	f checke	d include	the ENV	-4C with	submit	tal)				Low-sloped V	lood frai	med	roofs	in Cl	ımate	Zone	s 3 and	d 5 are exe	empted, sola	ar reflect	ance (	and theim	al emittance or
on. B	New C	onstr	uction		☐ Add	ition			Alteration	n			Shi that have	a U-fac	tor o	1003	9 or	lower.	. See	Opaqu	le Surface	Details roof	assemb	ly, Co	lumn H of	emittance or 8
ince. [	1 Compo	nent			Ø Ove	rall Envel	ope		Uncondit	tioned (file a	iffidavi	t)	that have a U	-factor o	of O O	48 or	lawe	r. See	в Ора	que Su	urface Deta	uls roof asse	ed yidme	elow, C	Column H	of ENV-2C.
E, S, W or in	Degrees:		0 deg										The roof area	olar refte	ectar	ice an	id the	icmat	emitte	ance or	r SRL see s	spreadsheel	t calcula	tor at v	www ener	iv ca gov/8862
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Project f	Name School Bld F Classrooms						Date 1/	∍ ⁄5/20	12
	OR LIGHTING SCHEDULE and FIELD IN	PECTIO	N ENEF	GY CH	ECKLIS	ST T			
	<u> </u>					<del></del>	spector	Г	
	Ition Certificate, LTG-1- INST (Retain a copy and verily form								<u></u>
A sepa	rate of Acceptance, LTG-2A and LTG-3A (Retain a copy a rate Lighting Schedule Must Be Filled Out for Conditioned hting Schedule is only for.	and Uncond	litioned Spa	<u>aces instal</u>	ed Lightir	ng Power	spector r listed or		
<b>E</b> ZI	CONDITIONED SPACE	<u>п</u> .	INCONDIT	ONED SP	ACE				
[2]	The actual indoor lighting power listed below includes at with §146(a)	I installed pe	ermanent a	nd portable	e lighting s	systems	n accord	ance	
izi	Only for offices: Up to the first 0.2 watts per square foot calculation of actual indoor lighting power density in acc 0.2 watts per square foot is totaled below.	of portable I ordance with	ighting sha the Excep	Il not be re tion to §14	quired to l6(a) All p	be includ portable l	led in the lighting in	exce	\$\$ O
	Luminaire (Type, Lamps, Ballasts)			Ins	talled W	atts			
A	В	С	D		E	F	G		Н
					vattage termined			F Insp	eld ector
					â				
					7		6		
None			aire_	CEC	30 (	ares	, X		
or Item Tag	Complete Luminaire Description' (i e, 3 lamp lluorescent troffer, F32T8, one dimmable electronic ballasts)		Watts per Luminaire	Default From NA8	According To §130 (d c	Number of Luminaires	Installed Watts (D X F	Pass	Fall
, rug	Dosigned Allowance 176 sqlt at 0.470 w/sf						83		
	Designed Allowance: 240 sqft at 0.470 w/sř						113		ri
	Designed Allowance 240 sqft at 0 470 w/sf						113		口
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			In	Installed V stalled Wa		g Total	3,929	300.4	
	Building total number of pages:		Ent	er into LTC			3,929		



CERTIFICATE OF					Det-
Project Name BCSD School Bld F Cla			romatur	ap and a succession of the suc	Date 1/5/2012
CONDITIONED AND UN			JUST NOT BE CO	MBINED FOR COM	IPLIANCE
Indoor Lighting P	ower for Conditioned Sp	aces	Indoor Light	ing Power for Uncon	
		Watts			Watts
Installed Lighting (from Conditioned LTG-1C, Pag	ge 2)	3,929	Installed Lighting (from Unconditioned	LTG-1C Page 2)	
Lighting Control Credit Conditioned Spaces (from LTG-	-2C) -	0	Lighting Control C Unconditioned Space	es (from LTG-2C)	-
Adjusted Installed Lighting Power	яя	3,929	Adjusted Installed Lighting Power	l	=
Complies if Installed ≤ Allo	owed	1	Complies if Instal	led ≦ Allowed	<b>1</b>
Allowed Lighting Power Conditioned Spaces (from L	TG-3C or PERF-1)	3,929	Allowed Lighting Unconditioned Sp	Power aces (from LTG-3C)	
The LTG-24 and LTG-24 5	illed in the building or spac	e snall de cenil	y constructed build led as meeting the a	Acceptance Requirement	ents nent agency unless
The LTG-2A and LTG-3A for the boxes are checked and/a agency that certifies plans, s of §10-103(b) of Title 24 Par receive final occupancy. A	orms are not considered or for filled and signed. In ad- specifications, installation or it 6. The field inspector mu copy of the LTG-2A and L	omplete forms a dition, a Certific certificates, and list receive the p	ied as meeting the a and are not to be ac ate of Acceptance f operating and main ronerly filled out an	cepted by the enforcen orms shall be submitte ntenance Information m d signed forms before !	nent agency unless of to the enforcement neet the requirements the building can t be provided to the
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Project Name BCSD School Bld F Classrooi					Date 1/5/2012
Project Address	1118	Climate Zone	fotal Cond.	Floor Area	Addition Floor Area
Bakersfield		13	8,36		n/a
GENERAL INFORMATION					
Building Type: ☑	Nonresidential	☐ High-Rise Resider	ntial 🛭 Hot	tel/Motel G	uest Room
☐ Schools (Public School) ☐	Refocatable Public Sch	ool Bldg. 🖸 Conditions	ed Spaces D		ditioned Spaces
Phase of Construction	New Construction	(antuavit)			
	Component	Overall Envelope	TDV 🗀 Un	conditione	d (file affidavit)
Front Orientation: N, E, S, W or in E		Energy			
HVAC SYSTEM DETAILS	ogicosi   odey		FIFLD INSPEC	TION ENE	RGY CHECKLIST
THE STATE OF THE S				Meets Criteria or R	
Equipment <sup>2</sup>	Inspi	ection Criteria	Pass		escribe Reason <sup>2</sup>
Item or System Tags		1 1111	0		
(i e AC-1, RTU-1, HP-1)		HP F-1			
Equipment Type <sup>3</sup> .	Packaged VAV	Packaged VAV			<u> </u>
Number of Systems 1					
Max Allowed Heating Capacity 200,000 Btu				<del> </del>	
Minimum Heating Efficiency 3.20 COP				} 	
Max Allowed Cooling Capacity 192,000 Btu					
Cooling Efficiency <sup>1</sup> 10.6 EER					
Duct Location/ R-Value When duct testing is required, subm		Attic, Roof Ins / 4.2			
MECH-4A & MECH-4-HERS	No No	No			
		Diff. Temp (Integrated)			
Economizer	Diff. Temp (Integ	rateu)			
Economizer Thermostat	Diff. Temp (Integ Setback Require	<del></del>			
		<del></del>			0
Thermostat	Setback Require	<del></del>		TION ENE	
Thermostat Fan Control  Equipment <sup>2</sup>	Setback Require Variable Speed	<del></del>			О
Thermostat Fan Control  Equipment <sup>2</sup> Item or System Tags	Setback Require Variable Speed	d	FIELD INSPEC		CI RGY CHECKLIST
Thermostat Fan Control  Equipment <sup>2</sup> Item or System Tags (i.e. AC-1, RTU-1, HP-1)	Setback Require Variable Speed Insp	d	FIELD INSPEC		RGY CHECKLIST escribe Reason <sup>2</sup>
Thermostat Fan Control  Equipment <sup>2</sup> Item or System Tags (i.e. AC-1, RTU-1, HP-1) Equipment Type <sup>3</sup>	Setback Require Variable Speed Insp. HP F-2	d	FIELD INSPEC		CI RGY CHECKLIST escribe Reason <sup>2</sup>
Thermostat Fan Control  Equipment <sup>2</sup> Item or System Tags (i.e. AC-1, RTU-1, HP-1) Equipment Type <sup>3</sup> Number of Systems	Setback Require Variable Speed Inspe HP F-2 Packaged VAV	d	FIELD INSPEC		CI RGY CHECKLIST escribe Reason <sup>2</sup>
Thermostat Fan Control  Equipment <sup>2</sup> Item or System Tags (i.e. AC-1, RTU-1, HP-1) Equipment Type <sup>3</sup> Number of Systems Max Allowed Heating Capacity <sup>1</sup>	Setback Require Variable Speed Inspe HP F-2 Packaged VAV	d	FIELD INSPEC		CI RGY CHECKLIST escribe Reason <sup>2</sup> CI
Thermostat Fan Control  Equipment <sup>2</sup> Item or System Tags (i.e. AC-1, RTU-1, HP-1) Equipment Type <sup>3</sup> Number of Systems	Setback Require Variable Speed Inspe HP F-2 Packaged VAV 1 200,000 Btu/hr	d	FIELD INSPECTOR		CI RGY CHECKLIST escribe Reason <sup>2</sup> CI
Thermostat Fan Control  Equipment <sup>2</sup> Item or System Tags (i.e. AC-1, RTU-1, HP-1) Equipment Type <sup>3</sup> Number of Systems Max Allowed Heating Capacity <sup>1</sup> Minimum Heating Efficiency <sup>1</sup>	Setback Require Variable Speed  Insp HP F-2 Packaged VAV 1 200,000 Btu/hr 3.20 COP	d	Pass  C  C  C  C  C  C  C  C  C  C  C  C		CI RGY CHECKLIST escribe Reason <sup>2</sup> CI
Thermostat Fan Control  Equipment <sup>2</sup> Item or System Tags (Le. AC-1, RTU-1, HP-1) Equipment Type <sup>3</sup> Number of Systems Max Allowed Heating Capacity <sup>1</sup> Minimum Heating Efficiency <sup>1</sup> Max Allowed Cooling Capacity <sup>1</sup> Cooling Efficiency <sup>1</sup> Duct Location/ R-Value	Setback Require Variable Speed  Inspection I	d	FIELD INSPEC		CI RGY CHECKLIST escribe Reason <sup>2</sup> CI
Thermostat Fan Control  Equipment <sup>2</sup> Item or System Tags (i.e. AC-1, RTU-1, HP-1) Equipment Type <sup>3</sup> Number of Systems Max Allowed Heating Capacity <sup>1</sup> Minimum Heating Efficiency <sup>1</sup> Max Allowed Cooling Capacity <sup>1</sup> Cooling Efficiency <sup>1</sup> Duct Location/ R-Value When duct testing is required, subm	Setback Require Variable Speed  Inspection I	d	Pass  C  C  C  C  C  C  C  C  C  C  C  C		CI RGY CHECKLIST escribe Reason <sup>2</sup> CI
Thermostat Fan Control  Equipment <sup>2</sup> Item or System Tags (Le. AC-1, RTU-1, HP-1) Equipment Type <sup>3</sup> Number of Systems Max Allowed Heating Capacity <sup>1</sup> Minimum Heating Efficiency <sup>1</sup> Max Allowed Cooling Capacity <sup>1</sup> Cooling Efficiency <sup>1</sup> Duct Location/ R-Value	Setback Require Variable Speed  Insp. HP F-2 Packaged VAV 1 200,000 Btu/hr 3.20 COP 192,000 Btu/hr 10.6 EER Attic, Roof Ins / 4	ection Criteria	Pass  O  O  O  O  O  O  O  O  O  O  O  O		CI RGY CHECKLIST escribe Reason <sup>2</sup> CI
Thermostat Fan Control  Equipment <sup>2</sup> Item or System Tags (i.e. AC-1, RTU-1, HP-1) Equipment Type <sup>3</sup> Number of Systems Max Allowed Heating Capacity <sup>1</sup> Minimum Heating Efficiency <sup>1</sup> Max Allowed Cooling Capacity <sup>1</sup> Cooling Efficiency <sup>1</sup> Duct Location/ R-Value When duct testing is required, subm	Setback Require Variable Speed  Inspection I	d ection Criteria 4.2	Pass  C  C  C  C  C  C  C  C  C  C  C  C		CI RGY CHECKLIST escribe Reason <sup>2</sup> CI



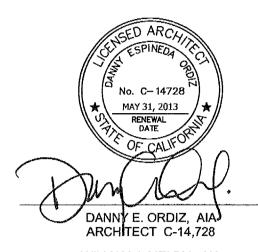
Job: 09091





ARCHITECTS, INC.

5500 MING AVENUE BAKERSFIELD, CALIFORNIA 93309 TELEPHONE (661) 832-5258 **FACSIMILE** (661) 832-4291



WILLIAM J. MELBY, AIA ARCHITECT C-16,835 

IDENTIFICATION STAMP DIVISION OF STATE ARCHITECT OFFICE OF REGULATION SERVICES APPL. #:02-112027

PTN # 63321-112

**NEW ELEMENTARY** SCHOOL 9801 HIGHLAND KNOLLS DR BAKERSFIELD CALIFORNIA

NEW MIDDLE SCHOOL 4115 VINELAND ROAD BAKERSFIELD CALIFORNIA

FOR:

BAKERSFIELD CITY SCHOOL DISTRICT

1300 BAKER STREET BAKERSFIELD CALIFORNIA 93305

MARK	DATE	DESCRIPTION		
$\triangle$				

JOB NUMBER: 200101244

> DRAWN BY: CHECKED BY:

CHECK AND VERIFY ALL DIMENSIONS BEFORE PROCEEDING WITH THE WORK.
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建阿爾斯斯斯 医阿朗阿里氏 SHEET TITLE

TITLE 24 **BUILDING "F"** 

SHEET IDENTIFICATION NUMBER M-524